

20020929.qrp v02_n693.qrl.20020929

Date: Sun, 29 Sep 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2693

QRP-L Digest 2693

Topics covered in this issue include:

- 1) [136446] re:beginner's Antenna modeling software
by Michael Babineau <michael.babineau@sympatico.ca>
- 2) [136447] Jamboree on the Air - anyone for a Snipe Hunt?
by n5ib@juno.com
- 3) [136448] 7.915 Mode
by Fred Lesnick <flesnick@tbaytel.net>
- 4) [136449] It's alive ! ! !
by Rick McKee <kc8aon@juno.com>
- 5) [136450] Schematic CAD n SPICE Software Free Until Oct 1
by "Michael Melland" <w9wis@charter.net>
- 6) [136451] Schematic CAD n SPICE Software ... oops
by "Michael Melland" <w9wis@charter.net>
- 7) [136452] RE: Bandwidth of crystal ladder filters CW and SSB
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 8) [136453] Re: DDS spurs
by "Mike Mullins" <mmullins@mastnet.net>
- 9) [136454] Re: OT: Need Linux Help
by "Karl F. Larsen" <k5di@zianet.com>
- 10) [136455] QRP is not for everyone
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [136456] PAC-12 Antenna plans now on NJQRP website
by "George Heron N2APB" <n2apb@erols.com>
- 12) [136457] Re: QRP is not for everyone
by Pete Burbank <plburbank@kih.net>
- 13) [136458] Re: QRP is not for everyone
by Hank Kohl K8DD <k8dd@arrl.net>
- 14) [136459] Fwd: RE: Txpedition from 12000 feet on Saturday
by Gary Slagel <gdslagel@yahoo.com>
- 15) [136460] Re: QRP is not for everyone
by Hank Kohl K8DD <k8dd@arrl.net>
- 16) [136461] Re: Redhot NorCal 20M or NorCal Sierra
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 17) [136462] Re: QRP is not for everyone
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 18) [136463] Re: QRP is not for everyone
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 19) [136464] Re: probagation???? Question

- by "Dennis Ponsness" <wb0wao@hotmail.com>
- 20) [136465] re: part search
by neil <ntan@crosslink.net>
- 21) [136466] Re: QRP is not for everyone
by Bob Duckworth <wb4mnf@atl.org>
- 22) [136467] R-M/40 Beacon 7085 kHz
by Chuck Carpenter <w5usj@9plus.net>
- 23) [136468] QSY w/QRP to Mtns
by "Steve/n0tu" <n0tu@codenet.net>
- 24) [136469] TT8ZZ !!!!!!! 28014
by "George Osier" <gosier@twcny.rr.com>
- 25) [136470] Expanded Spectrum Systems
by <mgoins@usa.net>
- 26) [136471] Tuning Knob
by Ken Kirkley <no4d@charter.net>
- 27) [136472] Weiss?
by Jimmy Lee <jrlaudio@bellsouth.net>
- 28) [136473] Plugs for Datong FL1.
by "Vincent Ferme" <vferme@lycos.co.uk>
- 29) [136474] Re: Plugs for Datong FL1.
by "George, W5YR" <w5yr@att.net>
- 30) [136475] RE: Bandwidth of crystal ladder filters CW and SSB
by "James R. Duffey" <jamesd1@flash.net>
- 31) [136476] Re: Bandwidth of crystal ladder filters CW and SSB
by "George, W5YR" <w5yr@att.net>
- 32) [136477] Reverse Charge Update
by WA6GER@aol.com
- 33) [136478] FS: Super Antennas MP-1/FT-817 Mount
by "Michael Melland" <w9wis@charter.net>
- 34) [136479] R-M/40 VXO Experiments (long)
by Chuck Carpenter <w5usj@9plus.net>
- 35) [136480] RE: Bandwidth of crystal ladder filters CW and SSB
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 36) [136481] KC-1/Sierra, or the worlds longest delayed project?
by Richard Mulvey <rich@mulveyfamily.com>
- 37) [136482] re: QRP is not for everyone
by "Karl F. Larsen" <k5di@zianet.com>
- 38) [136483] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by "Dave Martin" <k2zu@seanet.com>
- 39) [136484] RE: Need Linux Help
by "KD5NWA" <KD5NWA@mbayona.com>
- 40) [136485] FS: Yaesu FT-817 with W4RT OPP
by "John Novack N2NZ" <JLNovack@rcn.com>
- 41) [136486] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by Rick McKee <kc8aon@juno.com>
- 42) [136487] Re: Expanded Spectrum Systems
by "W8DIZ" <w8diz@fpqrp.com>
- 43) [136488] Back from camping....Thornhill Broome

by "Trevor Jacobs" <kg6cyn@earthlink.net>
44) [136489] Re: Jamboree on the Air - anyone for a Snipe Hunt?
by "TIM O'ROURKE" <kg4chx@telocity.com>
45) [136490] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by "Dave Martin" <k2zu@seanet.com>

Date: Sat, 28 Sep 2002 19:24:11 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: steve@eclipsecat.com
Cc: qrp-l@lehigh.edu
Subject: [136446] re:beginner's Antenna modeling software
Message-ID: <6532A948-D339-11D6-9235-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v546)
Content-Transfer-Encoding: 7bit

Steve :

I would recommend EZNEC by W7EL. You can download a fully functional demo version (limited by the number of segments you can use in the model) and model some simple antennas with it for free.

Try <http://www.eznec.com/index.shtml>

LB Cebik wrote a very good 3 or 4 part series in QST about a year or so ago on antenna modelling that was a very good introduction.

Michael VE3WMB

Date: Sat, 28 Sep 2002 19:37:04 EDT
From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [136447] Jamboree on the Air - anyone for a Snipe Hunt?
Message-ID: <20020928.183323.4631.0.n5ib@juno.com>

October 19 & 20 will be this year's Jamboree on the Air, when scouts and scouters will meet via radio. A great chance to introduce some young folks to ham radio. ARRL has asked groups who plan to operate during JOTA to register at the "Youth Skeds" page on the ARRL web site.

I will be with a group of Baton Rouge LA hams (Michael, KD5MLD,

coordinating) who will set up at the Avondale Scout Reservation in Clinton LA. Some of us will go Friday night (18th) and camp, then operations will be all day Saturday. Mostly QRO ssb Saturday, but Friday night is for QRP play.

I'd like to hear from others who may be in the field with scout groups that weekend, especially Friday, or just camping on your own. Perhaps we can organize a little SHOTA (Snipe Hunt On The Air) I believe I may be the culprit who inflicted this event upon the QRP community a couple of years ago, but perhaps I've done by now sufficient penance. :^)) anyway, if I hear from a few folks I'll compile the list and post to the group along with the Official Rules of Snipe Hunting.... betcha didn't know there was rules, didja??

72
Jim N5IB

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<http://dl.www.juno.com/get/web/>.

Date: Sat, 28 Sep 2002 19:48:49 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@lehigh.edu>, WUN <wun@mailman.qth.net>,
Ute Monitoring <utility_listening@yahoogroups.com>
Subject: [136448] 7.915 Mode
Message-ID: <3D963FE1.5E13C8CD@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listening to 7.915 and hearing what sounds like MFSK, but cant get it to decode..

Could this be the old Piccolo, format, or am I just not tuning it correct..

Fred

Date: Sat, 28 Sep 2002 19:56:44 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@lehigh.edu

Subject: [136449] It's alive ! ! !

Message-ID: <20020928.195652.8918.2.kc8aon@juno.com>

The SW 40+ that is ! All built, working and tuned up & ready to go !
Did the tuning range mod, use 232pf at C8 and got 94 Khz range. Covers
from 7.029 to 7.123 Mhz, right where I wanted it to ! Also added the 10
turn tuning pot and counter dial - real eeeeeasy to tune ! Well, gotta go
play with the grandbaby for now, maybe after he goes down for the night I
can play radio !

72/73 DE: [K] [C] [8] [A] [O] [N]

Rick McKee

Willow Wood, Ohio

QRP ! Power is for punks !

QRP-L #2112, FPqrp #33, AR QRP #269

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Date: Sat, 28 Sep 2002 19:37:09 -0500

From: "Michael Melland" <w9wis@charter.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,

<fpqrp-l@fpqrp.com>, <njqrp@njqrp.org>

Subject: [136450] Schematic CAD n SPICE Software Free Until Oct 1

Message-ID: <001901c26750\$58335940\$3f20be42@computer>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I found this software it's available as a free download until October
1. Saw the ad by the author on a newsgroup I'm on. I have not tried it out
yet as I just downloaded it but it does look interesting.

Mike

--

Michael Melland, W9WIS

Winneconne, Wisconsin USA EN54pc

qrp-l #1656 - qrp-parci # 9875 - iparc #252

ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Sat, 28 Sep 2002 19:38:39 -0500
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
 <njqrp@njqrp.org>, <fpqrp-l@fpqrp.com>
Subject: [136451] Schematic CAD n SPICE Software ... oops
Message-ID: <001f01c26750\$8e0daa20\$3f20be42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ooops...

<http://www.autotraxeda.com/index.html>

Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Sat, 28 Sep 2002 20:50:24 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: inforhc@ip.etecca.cu
Cc: qrp-l@lehigh.edu
Subject: [136452] RE: Bandwidth of crystal ladder filters CW and SSB
Message-ID: <5.1.0.14.1.20020928202542.00a65710@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:45 PM 9/28/02 -0300, you wrote:

>Hi all !
>As more and more precision and at the same
>time rather low cost per unit quartz crystals
>become available, the design of homebrew
>ladder type or "" ladder type assymetric sideband
>filters"as one of my colleagues likes to call them,becomes a very attractive

>and interesting
>plus cost saving challenge.
>I have several questions regarding those filters
>1. crystals must be properly matched to within
>a very narrow frequency range .. OK, but does
>the accuracy of the match influence the wider
>bandwidth SSB filter less than the CW much narrower filters ??

In general, the wider the filter, the less critical the matching of the crystals becomes. That said, the better their series resonant frequency is known, the better one can do building a predictable, repeatable filter. Matching to within 10% is generally the accepted standard, but one can do much better than that if a large number of crystals are available for matching. With 100 units, 1% groups are quite easy to do.

>2. Is it true or not, that no matter how you work
>around with these ladder filters, your response
>will ALWAYS be asymmetric, in favor of the
>lower sideband ?

That is true if you don't do anything to compensate for the holder capacitance, termed C_0 . However, if you cancel C_0 with an inductor in parallel with the crystal, very symmetrical filters can be made. I do it all the time. Then they can be used for lower sideband, or upper sideband, without any change to the basic filter design. I use molded inductors, and often don't match them for inductance values, and still wind up with decent filters. Matching the inductors enhances the filter shape some, but not a whole lot.

>3. Is it true that the SSB filters (typically designed
>for between 1.8 kHz up to 3.2 kHz bandwidth)
>produce much higher insertion losses than
>the narrower (100 Hz to 500 or 750 Hz wide)
>CW filters ???

Actually, the opposite is true. The narrower filters have the larger insertion losses, and the wider filters have lower values. For example, a 5 pole, 200 Hz BW CW filter might have an IL of 6-7 dB, while a corresponding 5 pole, 2KHz filter would be on the order of 1-2 dB. Insertion loss is also dependent on the Q of the crystals used. Those with higher Qs make filters with lower IL.

>4. What would be the simplest and lowest cost
>design for a SSB filter... and by this I mean using
>the least number of crystals and other parts ?

I'd go with either a 4 or 5 pole Chebyshev or Cohn design, with my preference being the Chebyshev for slightly better overall shape. The Cohn will use one less capacitor in the 5 pole design; they will be equal in the 4 pole design. I just designed a 5 pole, 2.1KHz Chebyshev filter and it has a shape factor of 2.7. While that isn't spectacular, it would make a more than decent SSB rig. With Co compenstated, it could be used for LSB or USB. It was designed using 4.9152 MHz crystals from Fox. BTW, the last batch of Fox crystals that I bought had Q's that averaged 165,000. Those make good filters.

>(this question is intended to gain knowledge towards the design of the
>HURRICANE TWO, a natural replacement for our HURRICANE ONE
>double side band rig , used here in Cuba during
>the hurricane season)
>5. Which are the more popular and lower cost
>frequencies available from suppliers around the world ???

Almost all of the computer crystals are available for essentially the same price until you get down below 2 MHz and above 50 MHz. I feel that anything from 4 MHz up through 9 MHz are all good candidates for IF filter service, with my favorite being 4.9152, as well as others in the 4-9 MHz range. We're doing the IF filter in the 2N2/30 at 7.23 MHz, and my SW30++ homebrew rig uses 7.68 MHz in the IF. The 2N2/15 IF is at 4.433 MHz, since that is an easy frequency to find in old European TV sets.

>I understand that
>3579 and 4433 are
>two of the most popular ones,

They are, but I don't like putting an IF inside a ham band. I also don't like even frequencies, like 4.0 MHz or 6.0 MHz, etc. Too many chances that a high powered radio service is operating there.

>-snip-

>HOPE this is accepted as a QRP related topic
>and that it may generate a L0000NNNG and interesting thread...

Refreshingly so Arnie! I hope others can respond to your questions. As you know, I'm here to help you with the Hurricane project rigs as much as I can.

72 amigo,

Jim, K8IQY

Date: Sat, 28 Sep 2002 20:12:57 -0500
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [136453] Re: DDS spurs
Message-ID: <001101c26755\$91f181c0\$58babad0@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My experience with a homebrew AD9850 has been that there will be some spurs, but they are acceptable. Also, the board (with a 80 MHz clock) sucks power. However, it is nice to know exactly where you are on the band, to have absolute stability from a cold start, and to have a very wide tuning range. It's a compromise which makes sense to me for a non-portable rig.

73 de Mike KD5CMN

Date: Sat, 28 Sep 2002 19:50:42 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rob Matherly <w0jrm@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136454] Re: OT: Need Linux Help
Message-ID: <Pine.LNX.4.44.0209281947330.3783-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rob, I don't use Mandrake but they usually have the latest Linux stuff. You should get to a point in loading the new software where they give you a choice of either ext2 or ext3 and of course choose ext3.

On Sat, 28 Sep 2002, Rob Matherly wrote:

> Hi Karl;
>
> Thanks for the tip. I've ordered some Mdk8.2 disks, they should be here

> shortly... from what I recall reading at the Mdk site, Mdk8.2 also runs ext3. I
> hope so, because I'll probably need it :^)
>
> 72/73/oo
> Rob, w0jrm
>
> =====
> <http://www.qsl.net/w0jrm>
> =====
>
> On Sat, 28 Sep 2002, Karl F. Larsen wrote:
> Hi Rob, the latest versions of Red Hat Linux 7.2 and 7.3 offer a
> a new file system they call ext3 which is not as bad about a power down
> PC crash. My linux comes right back up.
>
> You seem to have the older ext2 file system which is sometimes
> damaged by a PC power failure. I gather as your linux loads it gets to
> mounting the file system and errors out. Usually it asks you if you want
> to run software to rebuild the file system. When this happens tell it to
> go ahead. This often works.
>
> On Sat, 28 Sep 2002, Rob Matherly wrote:
>
> > Well, I left the subject line off the first (second) time :^) Here it goes
> > again so you know what in the world I'm talking about:
> >
> > Is there some way to repair your file system when your PC crashes, other than
> > formatting the *&\$^ drive and starting all over again?
> >
> > 72/73/oo
> > Rob, w0jrm
> >
> > =====
> > <http://www.qsl.net/w0jrm>
> > =====
> >
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 28 Sep 2002 20:04:16 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>

To: qrp-l@lehigh.edu
Subject: [136455] QRP is not for everyone
Message-ID: <Pine.LNX.4.44.0209281953010.3783-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today K0KDT stopped by to see my manual for my MFJ-969 tuner. He has bought from e-bay an MFJ-989-C which it appears can handle a full 1500 watts. I showed him how nice the 969 is for QRP power. The Yaseu FT-817 drove the dual needle SWR display to mid scale on ssb.

It turned out K0KDT was not impressed and wondered what I see in working DX long after he has? I showed him the DX Cards I have from contacts with my Ten Tec Argonaut (2.5 watts) and FT-817. He was impressed with that but wondered how anyone knows I didn't cheat?

Told him I KNOW what I used and that's all that matters. If you cheat, your only cheating yourself which after all is very stupid. Then we talked about the 8877 amplifier he is building.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 28 Sep 2002 23:22:54 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVAQRP" <NoVaQRP@topica.com>,
"NJQRP" <njqrp@njqrp.org>,
Subject: [136456] PAC-12 Antenna plans now on NJQRP website
Message-ID: <007401c26767\$82374d70\$4bc03ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -

As many know, a detailed construction article about the award-winning PAC-12 portable multiband vertical antenna (designed by James Bennett, KA5DVS) was published in the issue #8 of QRP Homebrewer magazine this summer.

Since then many other hams (non-subscribers of QHB) have been looking for construction plans and copies of the PAC-12 article. KA5DVS (as author) and N2APB (as publisher) have been referring them to the availability of QHB #8

as a single issue low-cost purchase.

However, the PAC-12 is still growing in popularity and the requests keep coming in. In order to enable as many hams as possible to build and use this antenna, KA5DVS has graciously agreed to allow the NJQRP to post his article on its website.

PAC-12 construction plans are at <http://www.njqrp.org/pac-12>

It's not the policy of QRP Homebrewer magazine to post full article material on a website, but in this case we wish to help proliferate a popular antenna design and thereby enable many QRPers and homebrewers to build, use and enjoy James' antenna.

QHB will continue to chronicle PAC-12 mods and newer designs in progress by KA5DVS. We encourage QRPers to subscribe to QHB to help support this type of design proliferation.

In the meantime, please enjoy the article and let both James and the NJQRP know of your success in building and using the PAC-12 antenna!

73, George N2APB n2apb@amsat.org
and James KA5DVS ka5dvs@arrl.net

QRP Homebrewer magazine: http://www.njqrp.org/data/qrp_homebrewer.html

Date: Sat, 28 Sep 2002 23:47:37 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136457] Re: QRP is not for everyone
Message-ID: <5.0.2.1.0.20020928232954.00a03b40@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:04 PM 9/28/2002, Karl F. Larsen wrote:

>(snip)
>contacts with my Ten Tec Argonaut (2.5 watts) and FT-817. He was
>impressed with that but wondered how anyone knows I didn't cheat?
>
> Told him I KNOW what I used and that's all that matters. If you
>cheat, your only cheating yourself which after all is very stupid. Then
>we talked about the 8877 amplifier he is building.

>
>--
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Karl and gang,
Karl's post opened a door in my brain where I try to avoid as it distresses me. Am I imagining this or just becoming aware of what has been going on for years? It just seems that ham radio has become increasingly competitive over my 40+ years as a ham to the exclusion of the casual ragchew. Karl has it rightcheating yourself. What's the point in having your call in mousetype in a musty issue of QST? I would much rather have a good ragchew and make a friend than rack up a jillion points on SS. SRI, had to get this off my chest.73
Pete NV4V

Date: Sun, 29 Sep 2002 00:01:30 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: plburbank@kih.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136458] Re: QRP is not for everyone
Message-ID: <5.1.0.14.2.20020928235727.0734e398@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 9/28/2002 11:47 PM -0400, Pete Burbank wrote:
I would much rather have a good ragchew and make a friend than rack up a jillion points on SS.
>SRI, had to get this off my chest.73
>Pete NV4V
>

That's what I really like about this hobby There is something for everyone.

(I'd rather rack up a jillion points on SS AND have a good ragchew and make a friend (or renew an old one))

73 Hank K8DD

Date: Sat, 28 Sep 2002 21:01:32 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@lehigh.edu>
Subject: [136459] Fwd: RE: Txpedition from 12000 feet on Saturday
Message-ID: <20020929040132.88984.qmail@web11603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Had a great time in the Mountains today. We hit a short snow storm on the way up but it only lasted about 30 minutes. By the time we made it to Shelf Lake it had cleared up nicely. Was still pretty cold though so I kept the operating time short and hit the trail back home.

Enjoyed 3 qso's while at the lake including Dave Bixler (W0CH) from the list. Hope to get some pics on my website before too long.

73, Gary

--- David Bixler <qrp@netins.net> wrote:
> Date: Sat, 28 Sep 2002 14:04:55 -0500
> From: "David Bixler" <qrp@netins.net>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: RE: Txpedition from 12000 feet on Saturday
>
> Hi Gang:
>
> Just worked Gary N0SXX at 1700 UTC at 14059.50 MHz.
> He's on top with snow on the way.
>
> 72, Dave
>
> David Bixler W0CH
> Seneca, Missouri
> QRP Web Site: <http://w0ch.com>
> Four State QRP Group: <http://w0ch.com/fsqrp>
>
> QRP: Little Radios, Big Fun!
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
> Of Gary Slagel

> Sent: Friday, September 27, 2002 9:21 PM
> To: Low Power Amateur Radio Discussion
> Subject: Txpedition from 12000 feet on Saturday
>
>
> Hi guys!
>
> Planning to hike up to Shelf Lake, CO tomorrow and
> operate on 20 meters for an hour or so. Hope to be
> on somewhere around
> 12 to 1 MDT. I'll be close to 14.060 mhz. I'll be
> with a non-ham buddy
> so I'll probably keep the operating time fairly
> short.
>
> I've never been to Shelf Lake but the topo map says
> its a little lake (more like a pond) at 12000 feet
> elevation. It sits in a bowl, almost totally
> surrounded by 13000 foot ridges. Hopefully about a
> 2
> hour hike in.
>
> I'll have my k1 with a little self supporting 20
> meter vertical.
> Usually works pretty good but sitting down in that
> bowl I'm guessing
> it'll be a pretty small qrp sig :-)!
>
> I appreciate anyone with the time to listen for that
> little N0SXX cq coming out of the mountains. I'll
> probably send out a picture qsl with the location.
>
> 73,
> Gary
>
>
>
> =====
> Gary Slagel/N0SXX
> Conifer, CO 80433
> gdslagel@yahoo.com
> Personal Website: <http://gdslagel.bravepages.com>
>
> -----
> Do you Yahoo!?
> New DSL Internet Access from SBC & Yahoo!
> <http://sbc.yahoo.com>
>

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://gdslagel.bravepages.com>

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Sun, 29 Sep 2002 00:03:57 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136460] Re: QRP is not for everyone
Message-ID: <5.1.0.14.2.20020929000252.07194e10@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 9/28/2002 11:47 PM -0400, Pete Burbank wrote:

>I would much rather have a good ragchew and make a friend than rack up a
>jillion points on SS.
>SRI, had to get this off my chest.73
>Pete NV4V

That's what I really like about this hobby There is something for
everyone.

(I'd rather rack up a jillion points on SS AND have a good
ragchew and make a friend (or renew an old one))

73 Hank K8DD

Date: Sun, 29 Sep 2002 00:02:15 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [136461] Re: Redhot NorCal 20M or NorCal Sierra
Message-ID: <65KFQMCAYTA596TCB764PKSNVP042.3d968957@aweiss>

MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Rich:

I've never had the pleasure of operating the REdHot. I have the Wilderness Sierra, which is a later version than the Norcal version. I heard Dave discuss the design of the Norcal Redhot and the bullet-proof front-end. The design apparently does what he set out to make it do. However, I operate many DX contests with the Wilderness Sierra and have never had any problem with front-end overload or feed-by the adjustable IF xtal filter. Quite the contrary -- I always operate with the r.f. gain at the minimum level needed to produce readable signals. Regardless of situation, I've always been able to virtually "kill" any powerful signal that is not any close than a couple hundred hz. I enjoy the 160 contests because of the Sierra -- talk about possible front-end overload!! I guess our 160 contests must be like the EU "regular" operating environment.

Oh well, just my 2-cents.

72, Ade W0RSP

Date: Sun, 29 Sep 2002 00:33:35 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [136462] Re: QRP is not for everyone
Message-ID: <C7GC8VTFDKIHCH2UWRVVSXVWRHBNMWR.3d9690af@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

Ironic timing! I just returned from the 1st annual W0DXCC Convention in Omaha sponsored by the Kansas City DX Club. I went down to get a card checker to approve my 176 QSL's for the 30m DXCC stuff.

At any rate, it was a very interesting gathering -- counted "up" to the guys who

had

QSL'd the most countries and gave them Olympic-style medals with red-wh-blue neck-
straps. At any rate, 2nd place = 363, 1st place = 364!!!

I picked up a copy of the KCDXC newsletter which sort of answers Pete's question:

" Am I imagining this or just becoming aware of what has been going on for years?
It just
seems that ham radio has become increasingly competitive over
my 40+ years as a ham to the exclusion of the casual ragchew."

There is piece titled "Multi-Op Contesting Then and Now" written by a ham who
describes himself as a "new generation" operator. He dropped in and operated with
AE9B for the WPX and got a bit of a surprise. Not just one transceiver/ant.sys/
computer
per band, but two of everything networked together to allow everyone to monitor
everyone else instantly. The QSO guy and the monitor guy and 1000's of feet of
coax
etc. It blew his mind. So, yes Pete, it seems that competitiveness must have
increased
just a bit!

72, Ade W0RSP

Date: Sun, 29 Sep 2002 00:41:52 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [136463] Re: QRP is not for everyone
Message-ID: <HHD1UX0JWUB9YPL09XVNIPZWU87.3d9692a0@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi again -- boy, my memory of a quick reading of the piece really was screwed up!
Getting old! The writer operated at AE9B which was a multi-multi with a single
rig/setup for each band. He was referring to a {CQ} article about the "BIG BIG"
stations using two or more rigs etc.

Sorry about the inaccuracy. Well, at least nobody is going to try to build what
I mistakenly described... :)

72, Ade

Date: Sat, 28 Sep 2002 07:31:50 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: chris@yipyp.com, qrp-1@lehigh.edu
Subject: [136464] Re: probagation???? Question
Message-ID: <F133BGP9H6r128NAMB10000b6fc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, from my understanding of propagation (read it in a book <grin>)

Not as many T-Storms to cause QRN on 160m-40m....

Less sunlight due to angle of the earth which allows the F layers to combine for longer periods of time and lets the nasty D layer go away sooner as well....

I think those are the biggies, but I am sure there are other explanations as well.....

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622
ARS #1363

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 29 Sep 2002 06:43:03 -0400
From: neil <ntan@crosslink.net>
To: qrp-1@lehigh.edu
Subject: [136465] re: part search
Message-ID: <3D96D937.9040007@crosslink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Greetings es tn timer for the help searching the '3204. I received some good info and maybe armed with this, I can either find the part or a replacement for it. Again, if someone on the list has the device, let me know what you want for it.

Tnx
Neil

--

<http://www.qsl.net/wa4chq>

```
| | | _ _ | \ | | | \ \ / |
| | _ | | | . ` | | | | > <
| _ _ | _ _ | \ \ | \ _ _ // _ \ \
```

Date: Sun, 29 Sep 2002 06:51:01 -0400
From: Bob Duckworth <wb4mnf@atl.org>
To: adeweiss@sd.value.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136466] Re: QRP is not for everyone
Message-ID: <3D96DB15.2090702@atl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Buzz Reeves, Inventor and Georgia Tech alumnus used to run some pretty impressiv contest stations. Here is some history of contest hall of fame.
<http://www.cqwww.com/hof-history.html>
here is some info on his contributions to tech industry
<http://www.cineramaadventure.com/reeves.htm>

Date: Sun, 29 Sep 2002 06:30:28 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [136467] R-M/40 Beacon 7085 kHz
Message-ID: <3.0.2.32.20020929063028.006c5f50@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

The R-M/40 will be in beacon mode this morning starting about 1130 z for an hour or so. Signal report appreciated.

Antenna is my Butternut vert.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 29 Sep 2002 07:30:28 -0600
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [136468] QSY w/QRP to Mtns
Message-ID: <036f01c267bc\$899410d0\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I'm off to a day late start cuz XYL wanted to checkout a garage sale...sigh!
and Saturday got away from before I knew it! (how does that happen!?)

My sked is now - to try 30/20/15m between 9:00 -10AM local MDT. Starting on
30m

Rig: K1-4 w/ATU @5w and bull dog paddles
Antenna: walking stick/vertical (details below)

Antenna = 21' fishing pole (Cabelas Black Widow collapses to ~45") used as
support for elevated 20m GP. GP is 17' radiator w/3-17' radials/guys
elevated up ~6'. Cut a hole in a milk jug cap to use as a guy ring and tie
off point for the coax. (The fishing pole being so lightweight the guys hold
it up vertical no sweat) The extra length of radiator is pulled over from
the top with a piece of string like an invert letter "J" and tied to bush or
tree. Feed with 25' rg58 and wire nuts ...cud of used 300 ohm twinlead with
same results I think?. .

To make the pole a little more rugged I used a rubber cane foot on the open

end and wrapped the large end w/bicycle handle bar tape. The pole "rattles" a bit which can be fix with some foam rubber packing.

Tried this antenna in the back yard Friday PM with pretty good results. Made several Qs on 30/20/15m including some EU DX on 20m. Called a JA on 30m this AM but no joy. The portability of this antenna for it's performance seems to be worth mentioning. BTW nothing new here design wise with the antenna just sharing my experiences.

GL Steve/n0tu

Date: Sun, 29 Sep 2002 09:36:59 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [136469] TT8ZZ !!!!!!! 28014
Message-ID: <000701c267bd\$49955b00\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!

Got TT8ZZ on 28014 !!! new one !!!!
5 watts from the NEW Ten Tec Omni D to a G5RV up 20 ft. FIRST CALL
!!!!!!!

COOL !!!!!!!!!!!!!!!!!!!!!

73s

George Osier , N2JNZ / QRP

Date: Sun, 29 Sep 2002 09:11:26 -0500
From: <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [136470] Expanded Spectrum Systems
Message-ID: <200209291414.g8TEDuUE009604@rain.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Has anyone used the Expanded Spectrum Systems FT-817 filters? They have =
Collins 300, 500, and SSB filters for \$105 - considerably less than at mo=
st
other places. =

Also have cylindrical crystals for 10/15/20/30/80 meters at \$3 each. If =
you
have a look at their site, check out the Time Machine. Could be an intere=
sting
way to hear what your latest kit or homebrew rig sounds like. =

www.expandedspectrumsystems.com

I need some filtering for the 817 here, and would be interested in hearin=
g
from anyone off list who has dealt with them. Thanks.

mike
wb5yjx

Date: Sun, 29 Sep 2002 10:13:02 -0400
From: Ken Kirkley <no4d@charter.net>
To: qrp-1@lehigh.edu
Subject: [136471] Tuning Knob
Message-ID: <5.1.1.6.0.20020929101213.00b33b60@mail.charter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:56 AM 9/29/2002 -0700, you wrote:
Hey John,
Nope, the knob is black zinc with no coating. Had a great feel (at least to
me).

Ken/N04D

>can anyone tell me if the tuning knob mon the rig is coated with rubber, i
>realize this is a mute point but a local ham asked me the question and i
>couldn't answer thanks and 73 john ku3g
>

Date: Sun, 29 Sep 2002 10:42:45 -0400
From: Jimmy Lee <jrlaudio@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136472] Weiss?
Message-ID: <3D971165.6E005C80@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Are the books by w0rsp still available?
Jimmy, AE4DT

Date: Sun, 29 Sep 2002 11:42:47 -0400
From: "Vincent Ferme" <vferme@lycos.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [136473] Plugs for Datong FL1.
Message-ID: <000501c267ce\$f6246760\$77392b18@q9p9p6>

Hi,

I'm looking for two plugs used for audio and power in in the Datong FL1 audio filter. I was unable to find them locally and have no idea of their name/part number. They are about the size of an RCA plug and look like this (facing the pins):

o|o

Thanks for the help.

73 de Vince, VA3VF.

Date: Sun, 29 Sep 2002 11:00:32 -0500
From: "George, W5YR" <w5yr@att.net>
To: vferme@lycos.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136474] Re: Plugs for Datong FL1.

Message-ID: <3D9723A0.EBAC256E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

These are European connectors. I used RCA connectors on my FL-1 - easy to change out.

73/72, George
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!

Vincent Ferme wrote:

>
> Hi,
>
> I'm looking for two plugs used for audio and power in in the Datong FL1
> audio filter. I was unable to find them locally and have no idea of their
> name/part number. They are about the size of an RCA plug and look like this
> (facing the pins):
>
> o|o
>
> Thanks for the help.
>
> 73 de Vince, VA3VF.

Date: Sun, 29 Sep 2002 10:31:34 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <jokortge@prodigy.net>, qrp-l <qrp-l@lehigh.edu>
Subject: [136475] RE: Bandwidth of crystal ladder filters CW and SSB
Message-ID: <B9BC8705.1DEDB%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jim - Good answer to Arne's questions.

I do agree with your comment:

"...I don't like putting an IF inside a ham band. "

It is easier to achieve good IF rejection if there aren't too many signals on the IF frequency :^).

Given this, I am curious as to your earlier statement

"We're doing the IF filter in the 2N2/30 at 7.23 MHz..."

which, of course is in the 40 M ham band. Is this a typo? Or am I missing something more overriding than good image rejection?

The selection of appropriate IF frequencies and accompanying LO frequencies is fascinating as there are a multitude of parameters that must be minimized, image rejection, IF rejection, and minimization of spurious birdies are the major ones. At first glance, a 4.9152 MHz IF seems like a reasonable choice. Long ago, I forget where, I was taught a rule of thumb that an IF at about half the signal frequency was a good choice as it removes the images and spurs about as far from the desired frequency as possible. This makes the front end filtering easier. Of course this was before upconversion became widespread which eliminated one problem and generated others.

Also can you give us some details on your 2N/30 rig? Inquiring minds want to know. 30 M is one of my favorite bands.

This is not criticism, nor flame bait, just curiosity and basic questions. Thanks, I always learn from your posts.- Dr. Megacycle KK6MC

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 29 Sep 2002 11:40:37 -0500
From: "George, W5YR" <w5yr@att.net>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136476] Re: Bandwidth of crystal ladder filters CW and SSB
Message-ID: <3D972D05.18F0D66A@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, I think that it is no accident that the 455 KHz IF selected for broadcast-band receivers many years ago is one-half what was once the approximate center of the AM band: 910 KHz.

73/72, George
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!

"James R. Duffey" wrote:

Long ago, I forget where, I was taught a rule of thumb
> that an IF at about half the signal frequency was a good choice as it
> removes the images and spurs about as far from the desired frequency as
> possible. This makes the front end filtering easier. Of course this was
> before upconversion became widespread which eliminated one problem and
> generated others.

Date: Sun, 29 Sep 2002 13:55:58 EDT
From: WA6GER@aol.com
To: qrp-1@lehigh.edu
Subject: [136477] Reverse Charge Update
Message-ID: <160.14b50f8e.2ac898ae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I want to thank everyone who responded to my query. Last night the battery showed complete discharge so this morning I hooked it up with correct polarities and it is drawing 300 mils from my regulated charger, not the one I had used before, and the voltage has come up a bit. I am encouraged.

Even if I get only partial restoration, still a 100 amp hour battery with less than spec capacity can run a rig for a long time. But my son says that I am going to end up with the world's heaviest double A battery. Geez! Am I another Rodney Dangerfield?

Your help is much appreciated and put me on the right track. I thank all of you.

jim, WA6GER

Date: Sun, 29 Sep 2002 13:02:37 -0500
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
<fpqrp-1@fpqrp.com>, <njqrp@njqrp.org>
Subject: [136478] FS: Super Antennas MP-1/FT-817 Mount
Message-ID: <000501c267e2\$65283980\$3f20be42@computer>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a new unused Super Antennas FT-817 portable mount for the MP-1 or 2 antennas. Comes with screws.... Mount the MP-1 or 2 right to the side of the FT-817 for portable use.

See details on Super Antennas site :
<http://www.superantennas.com/index.shtml>

\$20 shipped

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrp-parci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Sun, 29 Sep 2002 13:49:32 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [136479] R-M/40 VX0 Experiments (long)
Message-ID: <3.0.2.32.20020929134932.007ac6e0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

This message is about simple experiments to shift the frequency of the Rock-Mite/40 Y2 crystal. For a more elegant and sophisticated VX0, check out NB6Ms work on the Rock-Mite Files.

The measurements are relative, not precise. They are as close as I could come listening to zero beat in the FT-847. Power out is checked with a WM-2 meter. L and C values were measured with an AADE L/C II meter. Measured values are shown in parens.

Basic frequency as-built with no added parts is 7039 kHz. Nominal power output is 500 mW. All values in series with Y2. Frequencies below in kHz.

Fixed Capacitors -- measured close to marked value

20 pF - 7041.15

15 pF - 7041.7
 10 pF - 7042.6
 5 pF - 7044.25
 3.3 pF - 7045.3 :power dropped to 450 mW

Frequency changed more slowly as capacitance increases beyond 20 pF as the 7 MHz reactance becomes less.

Fixed Inductors

 .68 uH (.8) - 7038.9
 + .68 uH (1.57) - 7038.8
 4.7 uH (5.11) - 7038.4
 total all above (6.76) 7038.2
 15 uH - 7037.4
 22 uH - power dropped to ~150 mW

I didn't think to measure the pushbutton shift for the above frequencies. I did do that for the following variable capacitor experiment. Not all variable capacitors are equal. See note below.

Variable Trimmer Capacitor (7mm), 8.5 - 100 pF (8 - 119) Jameco 94449

 Frequency pairs are the result of pressing the shift button to obtain the offset. This test used three crystals marked 7040, 7083 and 7122 and measured as follows:

C-min	Shift	C-max	Shift
-----	-----	-----	-----
7043.33		7040.08	
7042.88	450	7039.37	710
7087.6		7083.9	
7087.15	450	7083.07	830
7128.3		7124.66	
7127.75	550	7123.82	840

An air variable with a shaft would allow developing a calibrated tuning dial. I have some ancient mini variables marked 30 pF. They would require an isolated from ground mounting. Might be worth a try.

Note: One other trimmer was tried with poor results. A smaller part, marked 8-50 caused strange results. Useful adjustment was limited to the lower 1/3rd of the range toward C-max. Power dropped off markedly in the upper 2/3rds of the range toward C-min. Other parts of the same type did the same thing. They seem to work fine in L/C tuned circuits.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 29 Sep 2002 15:27:52 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [136480] RE: Bandwidth of crystal ladder filters CW and SSB
Message-ID: <5.1.0.14.1.20020929152152.02af1870@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:31 AM 9/29/02 -0600, Jim Duffey, KK6MC/5 stated:

>I do agree with your comment:
>
>"...I don't like putting an IF inside a ham band. "
>
>It is easier to achieve good IF rejection if there aren't too many signals
>on the IF frequency :^).
>
>Given this, I am curious as to your earlier statement
>
>"We're doing the IF filter in the 2N2/30 at 7.23 MHz..."
>
>which, of course is in the 40 M ham band. Is this a typo? Or am I missing
>something more overriding than good image rejection?

Well, that IF frequency isn't at all correct. It was late, and I
was going from memory. I shouldn't do that anymore at my age! :-)
The correct IF frequency for the 2N2/30 is 7.3728 MHz, which is
indeed outside of the 40 meter band that last time that I looked.

Jim gets the prize for catching that mis-queue! Thanks Jim.

72,

Jim, K8IQY

Date: 29 Sep 2002 15:42:11 -0400
From: Richard Mulvey <rich@mulveyfamily.com>
To: qrp-l@lehigh.edu
Subject: [136481] KC-1/Sierra, or the worlds longest delayed project?
Message-ID: <1033328531.5086.5.camel@zipy.aa2ys.ampr.org>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Well, there I was, cleaning out the radio shelf in the basement, when I came across the Sierra I built years ago, along with the KC-1 keyer. I had numerous enjoyable QSO's with the rig, but for a variety of reasons, hadn't used it much in recent years. The KC-1 was completely assembled, but I had never actually installed it in the Sierra, and I can't for the life of me recall why. So I figured I may as well, for a nice, lazy Sunday afternoon, and work a few stations.

One problem, though.... I no longer seem to have the KC-1 manual. The ribbon cable is just sitting there, staring at me, and I have no clue where to connect it. :-)

This is an original Norcal Sierra - not the Wilderness version. Would some kind soul out there happen to have a copy of the manual that they could peek at, at tell me where I need to hook everything up?

Thanks!
- Rich, AA2YS

Date: Sun, 29 Sep 2002 14:14:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Adam Vazquez Kb2Jpd <adamvaz@mobile.att.net>
Cc: qrp-l@lehigh.edu
Subject: [136482] re: QRP is not for everyone
Message-ID: <Pine.LNX.4.44.0209291401140.2080-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Adam, I think the rule about using the lowest power required to maintain communications is the most ignored rule in Part 97. This is because in many cases the signal-to-noise ratio is dropped by Hams on a nearby frequency. A case in point was this morning while I was net

control for the New Mexico Breakfast Club on 3.939 MHz. The first 30 minutes were fine and I could have reduced power to about 20 watts.

But suddenly 2 guys running amplifiers plopped down on 3.941 MHz and started talking. They dropped my signal-to-noise down to a low level and I was not able to copy weak stations at all. And others could no longer copy my 100 watts. To continue as net control I would have to turn on a 1500 watt amplifier I don't have. So we went on a few minutes and I closed the net.

I am going to get the call signs of these 2 guys and mail in a complaint to the FCC. It will do no good but it will make me feel better...:-)

On Sun, 29 Sep 2002, Adam Vazquez Kb2Jpd wrote:

> Hello de Adam kb2jpd
>
> It is a shame he sees the hobby from that point of view. The FCC rules in Part 97 state to use the absolute minimum power necessary.
>
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 29 Sep 2002 13:24:51 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [136483] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
Message-ID: <000301c267f6\$4486dce0\$16a12640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In my part of the world it was to show the opossum it could be done.
Dave K2ZU

Date: Sun, 29 Sep 2002 15:28:25 -0500
From: "KD5NWA" <KD5NWA@mbayona.com>
To: <w0jrm@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136484] RE: Need Linux Help
Message-ID: <FGEMLJDCBIMMILHGIBJIOEHDCCAA.KD5NWA@mbayona.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

With most Linux installations if you try to re-install Linux it will ask if you want to update the current installation or replace it, you can try updating, it will leave your software setup intact. However if your drive has been corrupted badly, then only a re-format will work, and that pretty much applies to any operating system. You might also try to boot a CD version of Linux and mount the run repair on your Linux partitions if they will mount.

Cecil
KD5NWA

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Rob Matherly
Sent: Saturday, September 28, 2002 8:21 AM
To: Low Power Amateur Radio Discussion
Subject: OT: Need Linux Help

Well, I left the subject line off the first (second) time :) Here it goes again so you know what in the world I'm talking about:

Is there some way to repair your file system when your PC crashes, other than formatting the *&\$^ drive and starting all over again?

72/73/oo
Rob, w0jrm

=====
<http://www.qsl.net/w0jrm>
=====

Date: Sun, 29 Sep 2002 16:28:23 -0400
From: "John Novack N2NZ" <JLNovack@rcn.com>
To: <qrp-1@lehigh.edu>
Subject: [136485] FS: Yaesu FT-817 with W4RT OPP
Message-ID: <050d01c267f6\$c2cf3390\$cc2ea4d8@jlnovack>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sadly, I am forced to sell my 6-month-old FT-817 with the W4RT OPP (One-Plug Power) 1650 mAh NiMH battery installed. The rig is in perfect working order and on frequency. Unfortunately, the manual disappeared at Field Day, but I have everything else that came with the rig - including the warranty card and schematics. I am including for free a neat red CD case with 2 main pockets - one just holds the radio and lets the antenna stick out, and the other is perfect for a 2Ah SLC battery. There are two smaller pockets that are handy for connectors and the VHF/UHF antenna extensions.

I will ship insured to any part of the continental U.S. and am asking \$530.00 including all shipping, handling, and insurance charges. I will ship immediately upon receipt of money order or certified or cashier's check. Personal checks will have to clear first before I ship.

If you are close enough to Princeton, NJ to pick it up yourself and avoid shipping charges, I'll be glad to cut \$20.00 off the price.

This radio has to move fast, so if I don't get a response in the next few days, I'm going to have to put it up on eBay (where the buyer will have to pay all shipping and insurance charges).

Also, I have a SuperAntenna PW-1 (original forerunner of the MP-1) with the optional 80 meter coil (\$25.00 value), car mount kit (\$20.00 value), and mini-tripod (\$20.00 value). I'll sell it all to anyone interested for \$135.00 (includes shipping). With this rig and this antenna, I've worked DX around the world.

I'll sell both as a package for \$620.00.

If anyone is interested , please respond privately to n2nz@arrl.net

John N2NZ

Date: Sun, 29 Sep 2002 16:54:56 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@lehigh.edu

Subject: [136486] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
Message-ID: <20020929.170353.8918.0.kc8aon@juno.com>

In my neck of the woods, it's just "POSSUM" and they is part of the
"VITTLES"
chain ! But ya'll got it wrong bout the chicken, he crossed the road ta
git away from Col. Sanders !

72/73 DE: [K] [C] [8] [A] [0] [N]

Rick McKee

Willow Wood, Ohio

QRP ! Power is for punks !

QRP-L #2112, FPqrp #33, AR QRP #269

On Sun, 29 Sep 2002 13:24:51 -0700 "Dave Martin" <k2zu@seanet.com>
writes:

>In my part of the world it was to show the opossum it could be done.

>Dave K2ZU

>

>

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 29 Sep 2002 17:11:09 -0400

From: "W8DIZ" <w8diz@fpqrp.com>

To: <qrp-l@lehigh.edu>

Subject: [136487] Re: Expanded Spectrum Systems

Message-ID: <005e01c267fc\$bd4dfea0\$44b71b41@intranet>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Mike,

I bought a 300 Hz ESS filter. The price was right, but I found 300 Hz to be a bit
tight and caused just enough ringing that I bought the 500 Hz filter.
The 500 Hz filter has better audio fidelity than the 300 Hz filter.
Your mileage may vary...

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, 29 September, 2002 10:11
Subject: Expanded Spectrum Systems

Has anyone used the Expanded Spectrum Systems FT-817 filters? They have Collins 300, 500, and SSB filters for \$105 - considerably less than at most other places.

Also have cylindrical crystals for 10/15/20/30/80 meters at \$3 each. If you have a look at their site, check out the Time Machine. Could be an interesting way to hear what your latest kit or homebrew rig sounds like.

www.expandedspectrumsystems.com

I need some filtering for the 817 here, and would be interested in hearing from anyone off list who has dealt with them. Thanks.

mike
wb5yjx

Date: Sun, 29 Sep 2002 14:20:08 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136488] Back from camping....Thornhill Broome
Message-ID: <01ca01c267fd\$fd847b60\$a9bcb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm going to make this short, as it was not a great trip for radio. Would have been great, but while I was setting up, the FT-817 slip off of the passenger seat of the Blazer and fell about 3 feet straight onto

the asphalt below, with the face panel taking the impact. It was in a padded bag, but the SEL encoder shaft got bent and the face panel cracked right below the LCD panel. It still works though. I'm going to call Yaesu tomorrow and see about replacement parts. The other bummer is that it rained about 90% of the time. Hehehe...just as we were coming home, the sun came out and it turned out to be a beautiful day. The last thing is that I also forgot some antenna parts for the MP-1!!! I just couldn't win on this trip. Still had a great time though and also stayed dry and warm. BTW, it's cheap to camp there! I think that for the entire group for the 2 nights it was about \$30.00. Came out to less than \$2 per person! Take care...time for me to air the tent out...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

Date: Sun, 29 Sep 2002 17:28:59 -0400
From: "TIM O'ROURKE" <kg4chx@telocity.com>
To: <qrp-1@lehigh.edu>
Subject: [136489] Re: Jamboree on the Air - anyone for a Snipe Hunt?
Message-ID: <GKENKCCGKMCIHINPDCBPGEDJCAAA.kg4chx@telocity.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy Scout Troop 49 will be active from Newell NC, call sign WT4IX all HF bands.
Tim O'Rourke W4YN

Date: Sun, 29 Sep 2002 15:48:35 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [136490] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
Message-ID: <000301c2680a\$58ceba60\$32a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I stand corrected. I'll put my dictionary back on the shelf.

Dave K2ZU

End of QRP-L Digest 2693
